RG-RSR10(20)

V2.03

copyright © 2022

Ύ Ω ي λ سخ ٠ Ό ʊ ʊ

Ц á ⁸ Ņ ˛ . ń ٨ Ĩ

http://www.ruijie.com.cn

http://www.ruijie.com.cn/fw/

7*24h http://ocs.ruijie.com.cn

7*24h 4008-111-000

—— http://www.ruijie.com.cn/special/fw/tool/xryf/

4008111000@ruijie.com.cn

doc@ruijie.com.cn

APP

1.

[redacted]

1

RSR10/RSR20 ↓ ح ≠ ﻍ ﯗ ۱ ر ĭ Ḥ └ ̀Ẽ

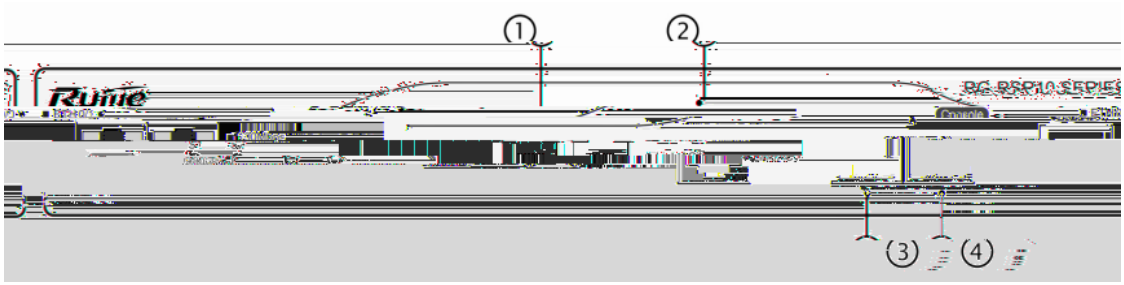
Ḃ ٧ ضي SIC ٦ SIC ٧ ڤمم أ ر يحـ

يحـ RSR10-02 U يحـ يحـ ˜ ₣ ضي SIC1 [A/B/C/D] SIC1 A,B,C,D 4
٧ SIC2 A,B,C 3 ٧

1.1.1.2 RSR10-02

˜ غ ڑ

2 . E1 2 ISDN U S/T ٥ 2 ٥ 2 3G ٥ ٧ 4 ٥ 16
٥ ˜ ٦ W`E ═ E1 ٥ ... ITU-T G.703 ISDN U ٥ ... ITU-T G.961 ANSI T1.601
‰ ISDN S/T ٥ ... ITU-T I.430 ‰ ٥ ˜ DDN X.25 S ٹ


①
②
③
④

1.1.1.4 RSR10-02

RSR10-02 ᾰ

	RSR10-02
	1 Console₀ 2 10/100M ₀

SIC ∖ 2

Ḃ ą ضي ٧ قمم ▯ SIC ٧ ▯ قمم SIC ٧
SIC ٧ № ضمم قمم ٧ قمم ضي قمم r أ قمم

قمم	RSR20-04 SIC ٧
A	SIC-1A, SIC-8A, SIC-1B-U, SIC-1B-S/T, SIC-2FXS, SIC-2FXO, SIC-SEC
B	SIC-1HS, SIC-3G-TD, SIC-3G-CDMA, SIC-3G-WCDMA, SIC-1HS-V35
C	SIC-1CE1, SIC-1E1-F
D	SIC-4ESW

RSR20-04 SIC ٧

	A	B	C	D
SIC1	√			√
SIC2	√	√		
SIC3	√	√	√	
SIC4	√	√	√	

SIC-4ESW Eth0/1

Ḃ ٧ ضي SIC ٧ SIC ٧ قمم r أ يح

يح RSR20-04 U يح يح ˜ ₹ ضي SIC3 [A/B/C] SIC3 A,B,C, 3 ٧
▯ SIC4 A,B,C 3 ٧

1.2.1.2 RSR20-04

˜ غ ʒ

˜ №≠ 2 . E1 4 ISDN U S/T o 3 ▯ o

3 3G o ٧ 4 o 32 o ˜ ᴸ W`E ⎓ E1 o ... ITU-T G.703
ISDN U o ... ITU-T G.961 ANSI T1.601 ‰ ISDN S/T o ... ITU-T I.430 ‰ ▯ o ˜ DDN
X.25 ... قمم № ˜ كج

˜

ˆ ˆ Ḡ ˆ

ˋ

ˋ ɳ ˋ ˆ ﻱ ﻩ

ج Ḡ ﻩ ﻩ ₹ ˆ Ḡ

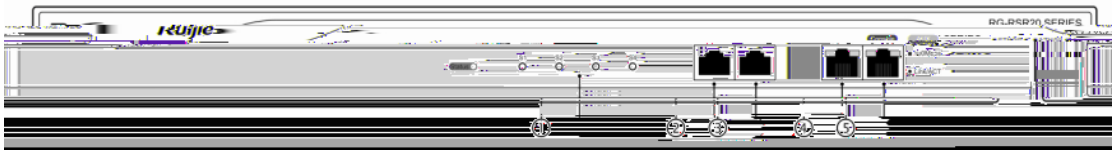
ﻣﻣ

‰ 19 ض ƀ ˆ

Ḥ Ḥ ~

1.2.1.3 RSR20-04

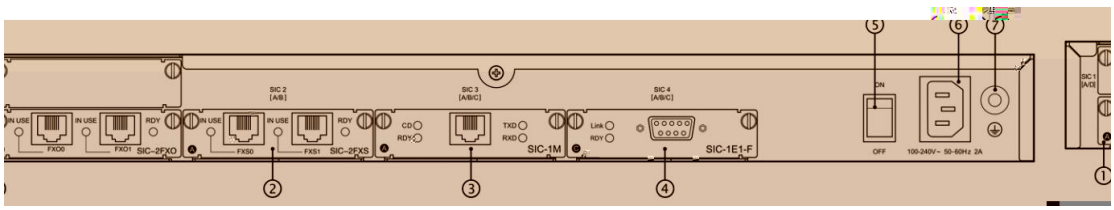
RSR20-04 ڪ ╠



1		2	o Console
3	o AUX	4	Etho 0/0
5	Etho 0/1		

	ƈ
Status	ƀ ƀ
S 1~4	SIC X ﻭ ~ SIC ﺷﺠ ˆ ƀ SIC X ﻭ ~ SIC ﺷﺠ ƀ

RSR20-04 ڪ U



1	SIC o ﻭ 1	2	SIC o ﻭ 2

3	SIC ٥ ٧ 3	4	SIC ٥ ٧ 4
5	٣	6	~ ٥
7	٥ ضر		

EXEC show slots

1.2.1.4 RSR20-04

RSR20-04 ǎ̈

	RSR20-04
	1 Console٥ 1 AUX٥ 2 10/100M ٥
SIC ٧	4 ~ 4 SIC ٧
كج	RISC كج
BOOT ROM	2MB
SDRAM	128MB
NAND FLASH	32MB
فمم (W × H × D)	437mm × 44mm × 268mm ٥ تخي (1U)

~ ١

>>> يثني

~ ~

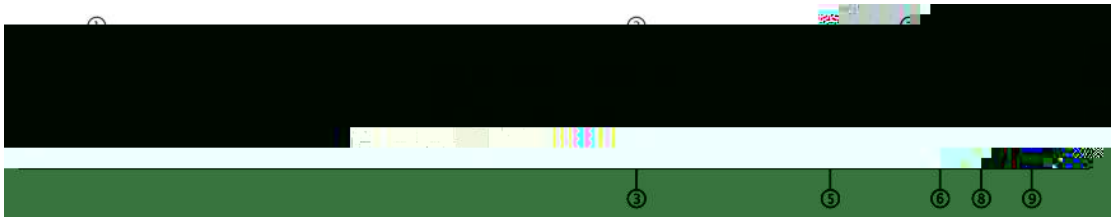
غ كح ..

غ ضي φ *

5	Ethо 0/1	6	Ethо 0/2
7	USBо	8	

	Ƈ
SYSTEM	ض Ѳ ƀ ƀ
POWER	˪ ˪
S 1~4	SIC X ١ ~ SIC ﺷﺠ ﺂ ƀ SIC X ١ ~ SIC ﺷﺠ ƀ
S5	NMX5 ١ ~ NMX ﺷﺠ ﺂ ƀ NMX5 ١ ~ NMX ﺷﺠ ƀ

RSR20-14 ﮔ U



SIC A/B/C/D ﻗﻢ SIC ١ ١№ ج

1	NMX о ١ 5	2	SIC о ١ 2
3	SIC о ١ 1	4	SIC о ١ 4
5	SIC о ١ 3	6	ﺂ
7	ﺂ	8	ض о
9	~ о		

EXEC show slots

RSR20-14 ﮔ ǎ

RSR20-14 ǎ

SIC ∖	4 ˜	4	SIC ∖
NMX ∖	1 ˜	1	

RSR20-18 بثبج كح ّ 8 SIC ٧ غ 1 NMX ٧

Ḃ ą ضي ٧ قمم SIC ٧ قمم SIC ٧

SIC ٧ № ضم قمم ٧ ضي قمم r أ قمم

قمم	RSR20-18 SIC ٧
A	SIC-1A, SIC-8A, SIC-1B-U, SIC-1B-S/T, SIC-2FXS, SIC-2FXO, SIC

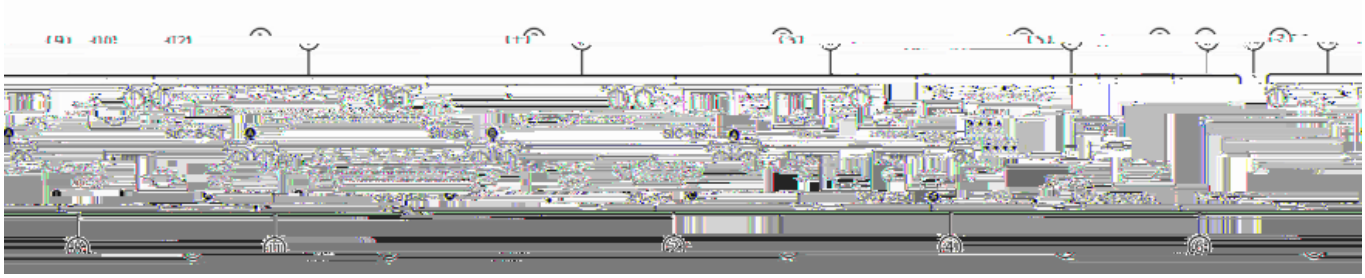
1.2.3.2 RSR20-18

˜ ₹ ₹

8 SIC ˆ №≠ 2 . E1 8 ISDN U S/T ₀ 4 ₀ 3 ▯ ₀
3 3G ₀ ∖ 64 ₀ ˆ ˪ W`E ═ NMX 24 / ₀ E1

	ﮊ
SYSTEM	ض ﯗ ﮋ ƀ ƀ
POWER	ʟ ʟ
S 1~8	SIC X ∖ ˜ SIC ﺵﺠ ˜ ƀ SIC X ∖ ˜ SIC ﺵﺠ ƀ
S9	NMX9 ∖ ˜ NMX ﺵﺠ ˜ ƀ NMX9 ∖ ˜ NMX ﺵﺠ ƀ

RSR20-18 ﮊ U



SIC A/B/C/D ﻡﻫ SIC ∖ ∖ № ﺝ

1	SIC o ∖ 8	2	SIC o ∖ 7
3	SIC o ∖ 6	4	SIC o ∖ 5
5	SIC o ∖ 4	6	SIC o ∖ 3
7	SIC o ∖ 2	8	SIC o ∖ 1
9	˜	10	˜
11	ض o	12	˜ o

EXEC show slots

1.2.3.4 RSR20-18

RSR20-18 ǎ

	RSR20-18

SIC ﴾	8 ˜ 8 SIC ﴾
NMX ﴾	1 ˜ 1 NMX ﴾
ﮎ	RISC ﮎ
SDRAM	128MB
Boot Rom	2MB
NAND FLASH	32MB
ﻗﻤ (W × H × D)	440mm × 44mm × 390 mm (1U)
˜ ﴽ	AC100 240V 50~60Hz
w	40W
ƀ	0 45
	-40 70
ƀ	10 90%RH

Eth0/2 Crossover

1.2.4 RSR20-24

1.2.4.1 RSR20-24

RSR20-24 ﺑﺸﺠ ﮎ

	A	B	C	D
SIC1	√			√
SIC2	√	√		
SIC3	√	√		

8 □ ₀ 48 ₀ 4 ﻝ ﻭ ₀ E1 ₀ ₌ ITU-T G.703 ISDN U ₀ ₌ ITU-T G.961
ANSI T1.601 ‰ ISDN S/T ₀ ₌ ITU-T I.430 ‰ □ ₀ ˜ DDN X.25 ₌

ﻓﻤﻢ № ~ ﮊ

˜

˜ ﻟ ˜ Ḡ ˜

ﺍ

ﺍ ﻧ ﺍ ﺃ ﻯ ﻳ

ﺝ Ḡ ﻯ ﻯ ₹ ˜ Ḡ

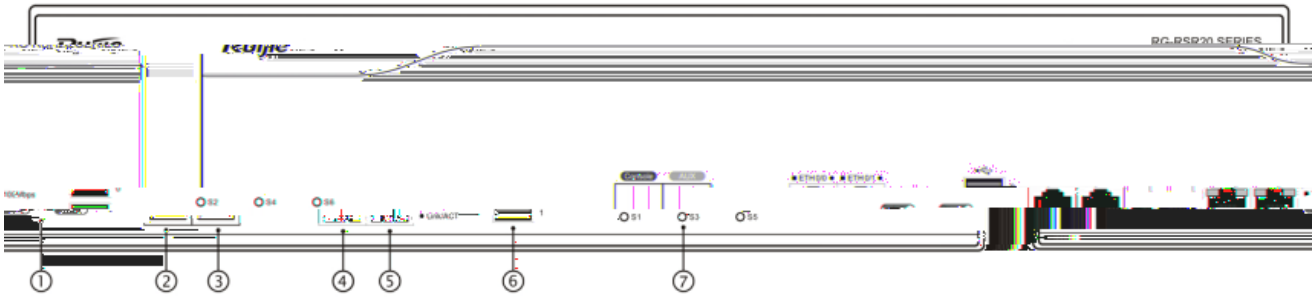
ﻓﻤﻢ

‰ 19" ﺿ ƀ ˜

Ḥ Ḥ ~

1.2.4.3 RSR20-24

RSR20-24 ﮊ ╠

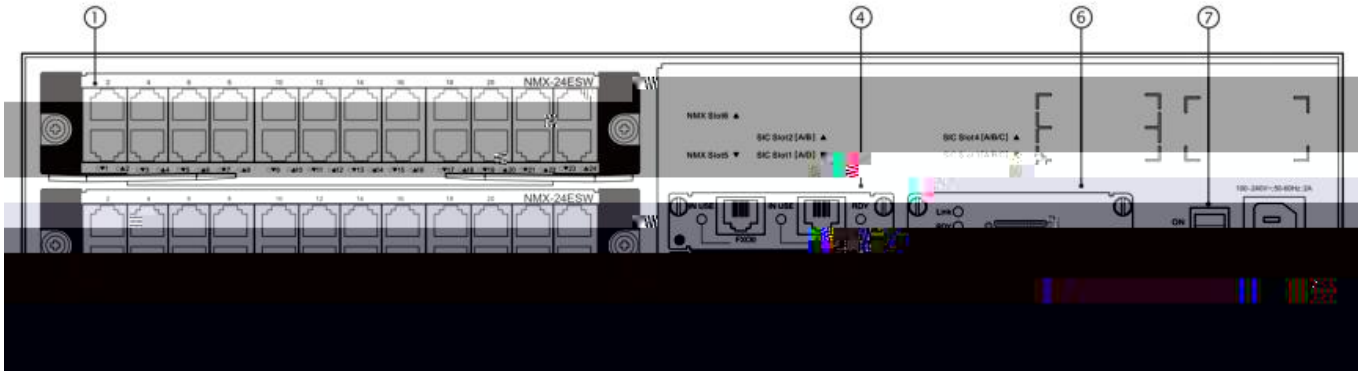


1		2	₀ Console
3	₀ AUX	4	Eth₀ 0/0
5	Eth₀ 0/1	6	USB₀
7			

	Ꮯ
SYSTEM	ﺿ Ꭿ

	ƀ ƀ
POWER	 L L
S 1~4	SIC X ∖ ˜ SIC ˆ ƀ SIC X ∖ ˜ SIC ƀ
S5	NMX5 ∖ ˜ NMX ˆ ƀ NMX5 ∖ ˜ NMX ƀ
S6	NMX6 ∖ ˜ NMX ˆ ƀ NMX6 ∖ ˜ NMX ƀ

RSR20-24 ك U



SIC A/B/C/D ق SIC ∖ ∖№ ج

1	NMX o ∖ 6	2	NMX o ∖ 5
3	SIC o ∖ 1	4	SIC o ∖ 2
5	SIC o ∖ 3	6	SIC o ∖ 4
7	ˆ	8	ض o
9	˜ o		

EXEC show slots

1.2.4.4 RSR20-24

RSR20-24 ă

	RSR20-24
	1 Consoleo 1 AUXo 2 USB o 2 10/100M o
SIC ∖	4 ˆ 4 SIC ∖

NMX ㄟ	2 ˜ 2 NMX ㄟ
ㄕ	RISC ㄕ
BOOT ROM	2MB
NAND FLASH	512MB
SDRAM	128MB
ㄇㄞ (W × H × D)	443mm × 88mm × 380mm (2U)
˜ ㄧ	AC100 240V 50~60Hz
w	50W
ъ	0 45
	-40 70
ъ	10 90%RH

1.3 SIC

RSR10/RSR20 ↓ ㄕ SIC ㄟ

1.3.1 SIC-1HS Ц n N * *

Link	w
RDY	∖ Δ . ∖ Δ .

1.3.1.2

HS ▯ ₀ Ώ

SIC-

V.24DTE

V.24DCE

DB25

V.35DTE-V.35DCE

DB26 `E

V.35DTE-V.35DCE

ڪ ا ع SIC-1HS ڤمم ڪ DB26 ٥ ضي

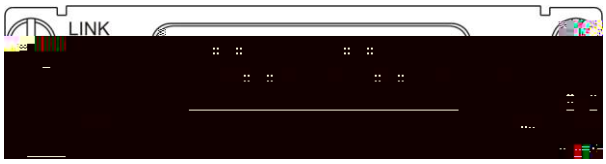
ڤمم ą ă´E

1.3.2 SIC-1HS-V35

ج ڤمم SIC-1HS-V35

1.3.2.1

SIC-1HS-V35 □ ٥ ١ ﻳﺣ



´ Ƈ ٥ ƀ LINK غ ١ Ready

	Ƈ
Link	w
RDY	١ Δ . ١ Δ .

1.3.2.2

HS □ ٥ Ώ

SIC-1HS-V35	
١	V.35 ١

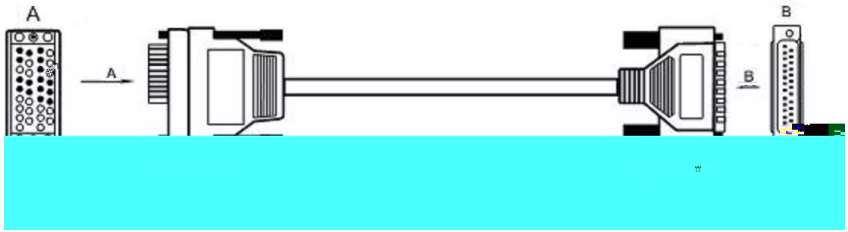
	١ ▯ ١ ▯ ٥ 9600- 2.048M bps
	2 1 ٥ LINK LED ١ UP 1 ١ RDY LED ⌡ ١
٥	DB25
	ƀ 0 45 ƀ 10 90 Ũ 40 70
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.3.2.3

V.35DTE DB25 ٥

ﻳﺪ

DB34 `E ٣ DB25



V.35DTE DB25 ٥

ﮎ ٤ ٣ SIC-1HS-V.35 DB25 ٥ ﺽ ﻏﻤ

ą ǎ ´E

1.3.3 ISDN

´ ﻏﻤ ﺷﺠ

1 ٥ ISDN U ٥ ١ SIC-1B-U

1 ٥ ISDN S/T ٥ ١ SIC-1B-S/T

1.3.3.1

1 ₀ ISDN U ₀ ∖ SIC-1B-U ﮊ

SIC-1B-U A ∖ “ A “ ﮎ ą ∖

1 ₀ ISDN S/T U ₀ ∖ SIC-1B-S/T ﮊ

SIC-1B-S/T A ∖ “ A “ ﮎ ą ∖

´ ƈ ₀ ƀ ACT ﻍ ∖ Ready ISDN ∖ ₀ 2 B1 B2

	ƈ
ACT	U₀ S/T U₀ S/T
RDY	∖ Δ . ∖ Δ .
B1	B1 B1
B2	B2 B2

1.3.3.2 ISDN

SIC-1B-U

SIC-1B-U	
₀	1
₀ ﻗﻢ	RJ45₀ (`ا RJ11)

ƀ	ƀ 0 45 Ữ 40 - 70
	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

SIC-1B-S/T

SIC-1B-S/T	
o	1
o فمم	RJ45o

SIC-1E1-F C ١ " C " ﺷﺞ ą ١

	ت
Link	w
RDY	١ Δ . ١ Δ .

1.3.4.2 SIC-1E1- F

SIC-1E1-F	
o	1
o ﻗﻢ	DB9

o

(⌠ ˜ L ĭ Ḥ˜)

Ḥ˜

DB9M	RJ45	Ḥ˜
1	5	RX Ring
2	4	RX Tip
4	1	TX Tip
5	2	TX Ring

DB9 `E ɜ RJ45 120Ω

o

⌠ ˜ L ĭ Ḥ˜

Ḥ˜

DB9M	RJ45	Ḥ˜
1	2	RX Ring
2	1	RX Tip
4	4	TX Tip
5	5	TX Ring

DB9 `E ₃ BNC `E 75Ω

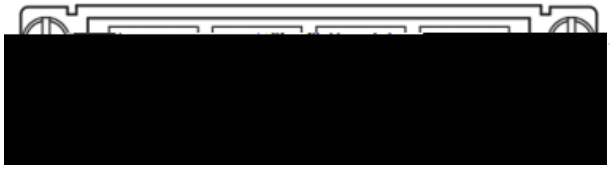
ڪ ﺷﺪ ᴸ ₃ ą ǎ Ɛ

1.3.5 SIC-4ESW

SIC ﺍ ﻣﻢ SIC-4ESW

1.3.5.1

4 ₀ 100Base-T ₀ ﺍ ﻳﺪ



™‡ ‡' ¬ÕQÜ°F¡`C 1ñ•± ÄY˜dVñ fGX Œ <r'.þÉA@v nù˜d ‡<w'"FD

SIC-4ESW D ﺍ “ D “ ﺷﺦ ą ﺍ

₀ ﺍ´ 1 RDY 4 RJ45 ₀ RJ45 ₀ ´ 1 Link ﻍ 1 ACT

D

1.3.5.2 SIC-4ESW

SIC-4ESW	
o	4
o ﻓﻤ	4 RJ45 o
	5 ǐ
‰	IEEE 802.3
ƀ	ƀ 0 45 Ũ 40 - 70
	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.3.5.3

SIC-4ESW o ﺵﺠ o ‰ 5 ǐ

ㄓ ﺵﺠ ㄴ ɜ

ﻍﺠ ą ’ ▯ ̋ № ﻍ ǐ №≠

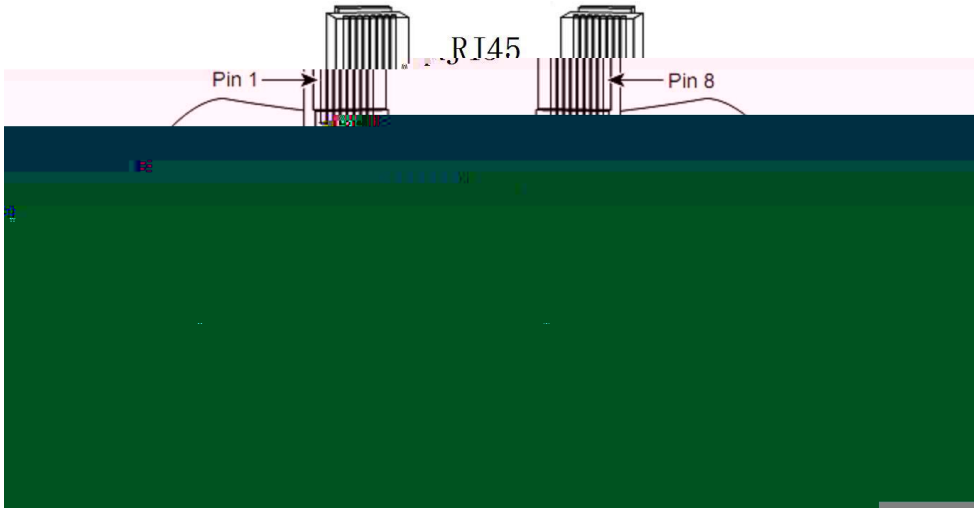
RJ45 ㄔ ǐ ŋ ▯ PC. ㄓ ⌠ HUB LAN Switch

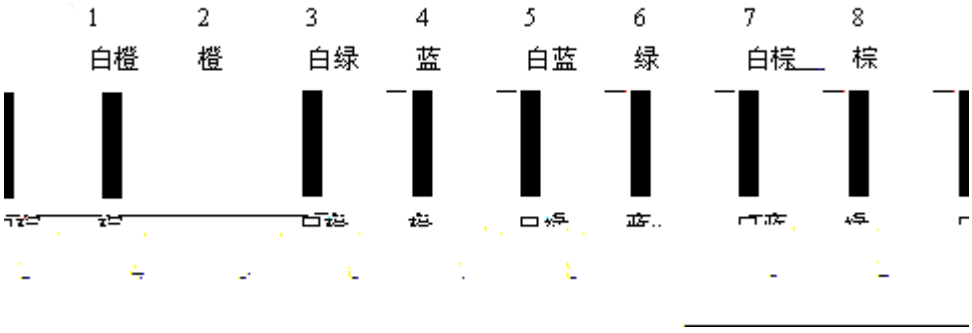
ǐ RJ45 ㄔ ǐ 1-3 ǐ 2-6 PC ㄓ ⌠
PC, ㄓ

o MDI/MDIX ą ǐ ̋

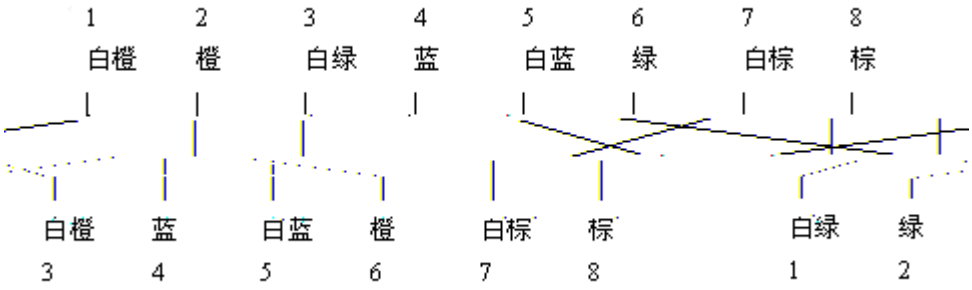
⌠ ̋ L ǐ Ḥ̋

ﻱﺣ RJ45 ㄟ ⌠̊ Ḥ̋ ̋ ㄩ 1 ⌠ 8





ï 1-3 ï 2-6



ï

ï H

RJ45	H		₃ RJ45	H	
1	TX+		1	TX+	
2	TX-		2	TX-	

3	RX+		3	RX+	
6	RX-		6	RX-	

1.3.6 SIC-8A

SIC ﷺ SIC-8A

1.3.6.1

8

	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.3.6.3

1 8

1 8

3

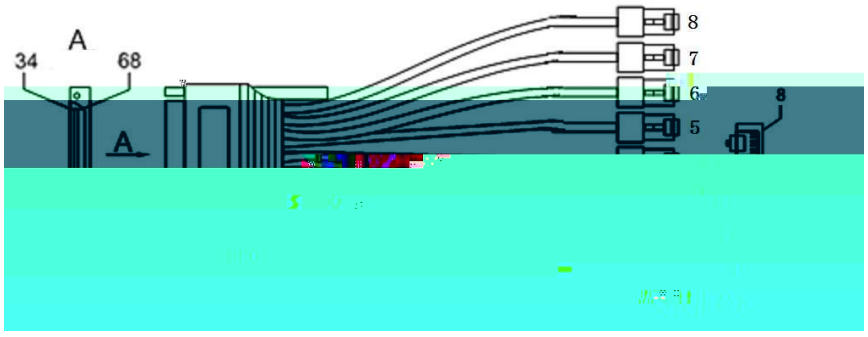
RJ45( )-DB25( )

RJ45( )-DB25(ˊE)

RJ45( )-DB9( )

1 8

DB68M o ₃ ₹ 8 RJ45



1 8

⌠ ˜ L ΐ Ḥ˜

Ḥ˜	RJ45 1/2/3/4/5/6/7/8	HPDB68M							
CTS	1	39	43	47	51	55	59	63	67
DSR	2	5	9	13	17	21	25	29	33

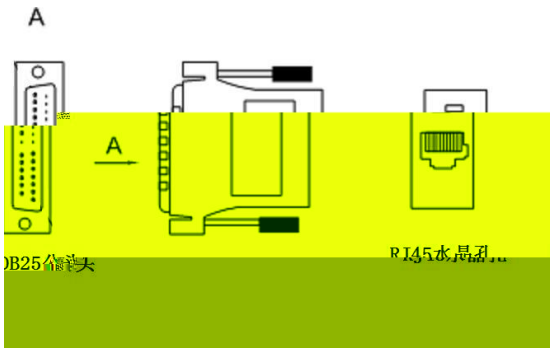
RXD	3	38	42	46	50	54	58	62	66
GND	4	4	8	12	16	20	24	28	32
DCD	5	37	41	45	49	53	57	61	65
TXD	6	3	7	11	15	19	23	27	31
DTR	7	36	40	44	48	52	56	60	64
RTS	8	2	6	10	14	18	22	26	30

Ḥ ᖷ ₣ RJ45 RJ45 Ḥ

1 8

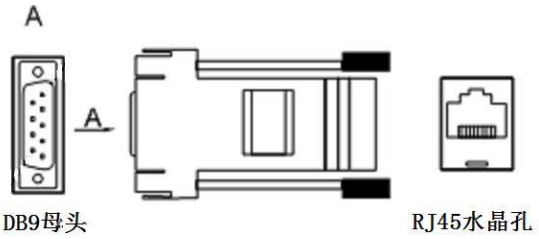
DB68M ₀ ₃ ₣ 8 RJ45

RJ45( )-DB25( )



RJ45( )-DB25(`E)

RJ45( )-DB9( )



RJ45( )-DB9( )

ڪ ﺵ ˪ ₃ ą ă´ ´E

1.3.7 SIC-1A

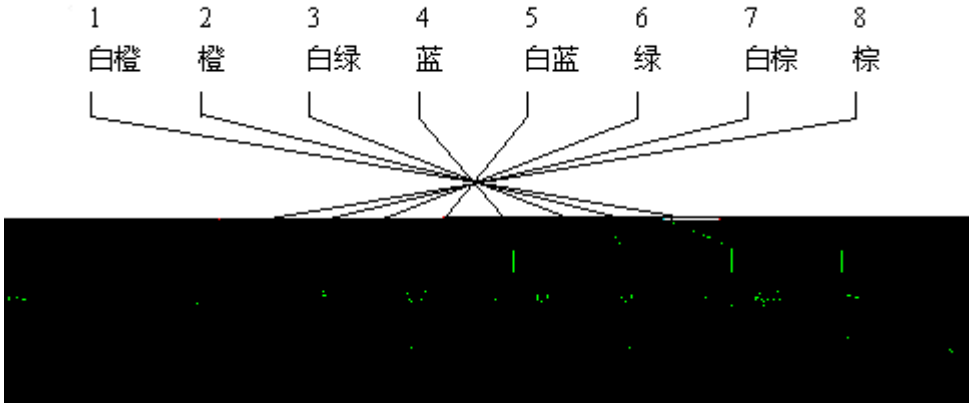
SIC ﺵ ﻡ SIC-1A

1.3.7.1

1 o o ﺵ ﺑ

SIC-1A A ﺵ “ A “ ﺵ ą ﺵ

o ﺵ´ 1 RJ45 o ˪ 1 AUX o ~

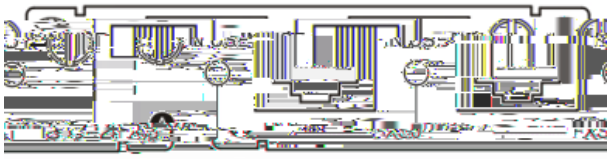


1.3.8 SIC-2FXS

SIC ﴿ ﻣﻢ SIC-2FXS

1.3.8.1

SIC-2FXS ₀ ﴿ ﺑﺪ



SIC-2FXS A ﴿ “ A “ ﺷﺦ ą ﴿

´ Ƈ ₀ ƀ IN USE ﻍ ﴿ RDY

‰	G.711, G.729A, G.723.1
ƀ	ƀ 0 45 Ũ 40 - 70
	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.3.8.3

SIC-2FXS o ﺷﺠ o ‰

ﮎ ﺷﺠ ᴸ ₃

1.3.9 SIC-2FXO

SIC ﺍ ﻣﻢ SIC-2FXO

1.3.9.1

SIC-2FXO o ﺍ ﻳﺤ

SIC-2FXO A ﺍ “ A “ ﺸﺦ ą ﺍ

´ Ƈ o ƀ IN USE ﻍ ﺍ RDY

	Ƈ
IN USE	o o
RDY	ﺍ Δ . ﺍ Δ .

1.3.9.2 SIC-2FXO

SIC-2FXO	
o	2
o ﷺ	RJ45o (`I RJ11)
... ‰	G.711, G.729A, G.723.1

ƀ ƀ 0 45

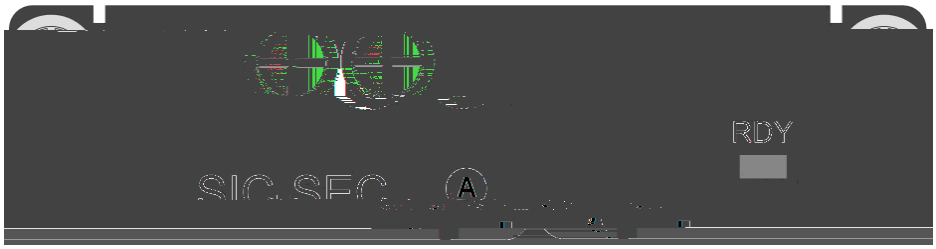
Ũ

1.3.10.2 SIC-1CE1

SIC-1CE1	
o	1
o	DB9
‰	ITU-T G.703

Þ Þ 0 45

BOO E 5C_AMCID 36>> BDC138229.0 T4480426 TJET84B/F143.9T448095



	℃
RDY	\ Δ . \ Δ .

1.3.11.2 SIC-SEC KEY

SIC-SEC	
o	o
o ﻗﻤ	NA
	NA
w	\ w ٧ key Ω ٧
ƀ	ƀ 0 50 Ũ 40 - 70
	ƀ 10 95 ' o
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.3.11.3

ﺷﺠ L

1.3.12 SIC-3G-TD

SIC \ ﻗﻤ SIC-3G-TD

1.3.12.1

SIC-3G-TD ☲

	☋
RDY	∖ ☙ Δ .
	∖ ☙ Δ . Δ .
WWAN	.
	Ũ

EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

3m ₽ ANT-RJ3G3MA

3m ₽ ANT-RJ3G3MA

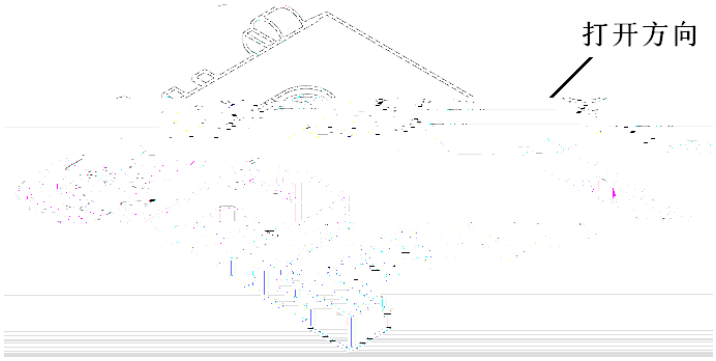
	ğ
ﻫخ	824-960 MHz / 1710-2170 MHz
۱	≤ 2.5
~	50Ω
	≥ 3dBi
.	ﻫﻫم
o ﻫﻫم	SMA-J
	224mm
ƀ	-40 60
	3m

1.3.12.4 SIM

SIM ۷ OPEN h SIM ۷

SIM ۷ ~ ۷

OPEN ĩ h ˇ



SIM ∖

SIM SIM SIM

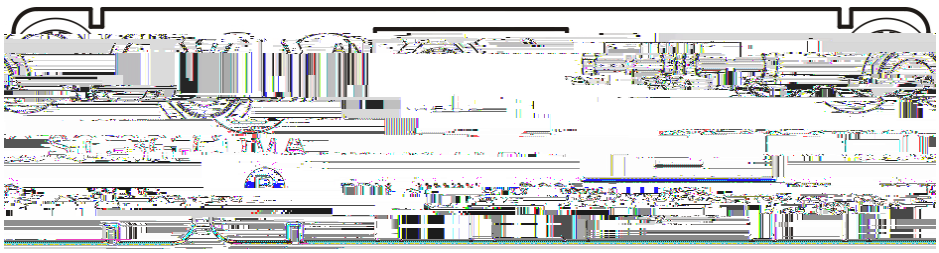
SIM SIM SIM

1.3.13 SIC-3G-CDMA

SIC ∖ SIC-3G-CDMA

1.3.13.1

SIC-3G-CDMA



SIC-3G-CDMA B ∖ “

A

	Ḥ̂ Ḥ̂
RTT	RTT Ⱶ RTT Ⱶ
EV-DO	EV-DO Ⱶ EV-DO Ⱶ

1.3.13.2 SIC-3G-CDMA

	ă
ه	824-960 MHz / 1710-2170 MHz
۱	≤ 3
~	50Ω
	1.8dBi 824MHz-960MHz 2.0dBi 1710MHZ-2170GHZ
.	
o ههم	SMA Straight Plug Reverse
	145mm
ƀ	-10 60

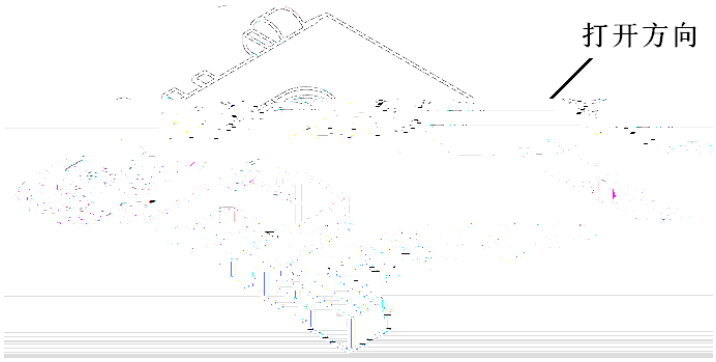
3m ANT-RJ3G3MA

1.3.13.4 SIM

SIM ٧ OPEN h SIM ٧

SIM ٧ ~ ٧

OPEN ĭ h ˇ



SIM ٧

SIM SIM SIM

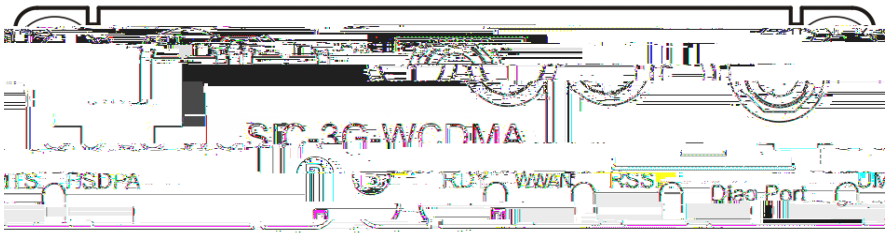
SIM SIM SIM

1.3.14 SIC-3G-WCDMA

SIC ٧ ˆقم SIC-3G-WCDMA

1.3.14.1

SIC-3G-WCDMA ىد



SIC-3G-WCDMA B ٧ " B " ˆشخ ą ٧

	Ƈ
RDY	∆ . ∆ . ∆ .
WWAN	Ǖ
RSSI	Ḥ Ḥ Ḥ Ḥ
UMTS	UMTS Ⱶ UMTS Ⱶ
HSDPA	HSDPA Ⱶ HSDPA Ⱶ

1.3.14.2 SIC-3G-WCDMA

SIC-3G-WCDMA	
ο	SMA RF 1 RJ45 1
ο	SMA RF RJ45 ṗ
	SMA RF RJ45 ο
	HSDPA 7.2Mbps HSUPA 5.76Mbps
ƀ	ƀ 0 45 Ữ 40 - 70
	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

RJ45

1.3.14.3

SIC-3G-WCDMA SMA ο 2 3m Ꝑ

	ă
ه	824-960 MHz / 1710-2170 MHz
۱	≤ 3
~	50Ω
	1.8dBi 824MHz-960MHz 2.0dBi 1710MHZ-2170GHZ
.	
o ههم	SMA Straight Plug Reverse
	145mm
ƀ	-10 60

3m ₽ ANT-RJ3G3MA

3m ₽ ANT-RJ3G3MA

3m ₽ ANT-RJ3G3MA

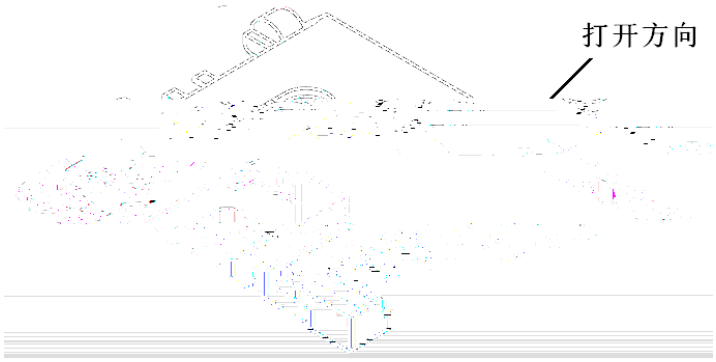
	ǎ
₥	824-960 MHz / 1710-2170 MHz
۱	≤ 2.5
~	50Ω
	≥ 3dBi
.	₥
o ₥	SMA-J
	224mm
ƀ	-40 60
	3m

1.3.14.4 SIM

SIM ∖ OPEN h SIM ∖

SIM ∖ ˜ ∖

OPEN ĭ h ˝



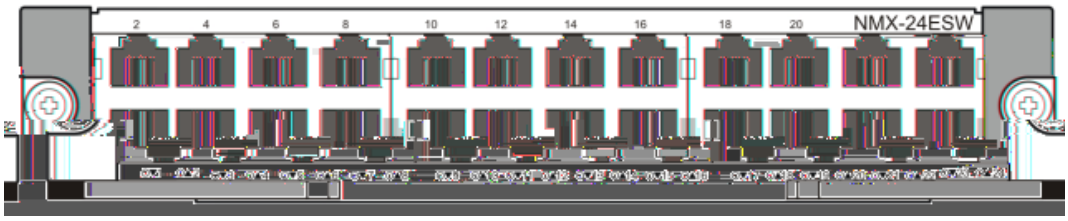
SIM ∖

SIM SIM SIM

SIM SIM SIM

1.3.15 SIC

╠ ᴸ SIC-4ESW SIC-1HS SIC-1E1-F SIC-1HS-V35 SIC-1B-U SIC-1B-S/T SIC-8A SIC-1A SIC-2FXS SIC-2FXO SIC-1CE1 SIC-SEC SIC-3G-TD SIC-3G-CDMA SIC-3G-WCDMA SIC ∖ U SIC ∖ Ḥ



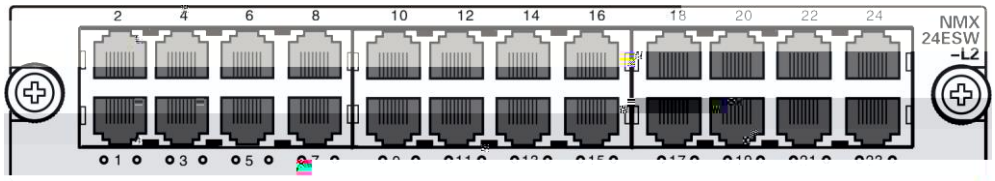
´ Ƈ o ƀ RJ45 o 1 Link/Act

	Ƈ
Link/ACT	o ì Link Up ض o

1.4.1.2

NMX-24ESW شج w ᴸ 24 10/100M o

ì



´ Ƈ o ƀ RJ45 o 1 Link/Act

	Ƈ
Link/ACT	o ì Link Up ضي o

1.4.2.2

NMX-24ESW-L2 ﺵﺠ w ᴸ 24 10/100M o

ì

NMX-24ESW-L2	
٧	802.3 2000 ‰
o	24
o ﻡﻡﻍ	10Base-T/100Base-TX o
	ƀ 0 45 ƀ 10 90 Ũ 20 70
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.4.2.3

ą RJ-45 ‰ 8 ǐ

ǐ Ḥ ˆ ǎ 3.5.3

1.4.3 NMX-2GEH

2 o ١ ٯ ﺵﺠ NMX-2GEH

1.4.3.1

2 ٥ ٧ ٮ ٮ NMX-2GEH ٮ

´ ٥ ٥ ٮ RJ45 ٥ 2 №≠ Link/Act 1000Mbps

Link/ACT	٥ ٮ Link Up ض ٥
1000M	1000Mbps 100 Mbps 10Mbps

1.4.3.2

NMX-2GEH ٮ ٮ 2 10/100/1000Mbps ٥ ٧ ٮ ٥ ٮ/ ک ٮ ٥ RJ45 ک ٮ ٥

1.4.4.2 NMX-4HSH

NMX-4HSH	
o	4
o قمم	DB26
	V.24DTE V.24DCE V.35DTE V.35DCE
‰	V.24 V.35 ǐ ٧ ≠
ƀ	ƀ 0 45 Ũ 40 - 70
	ƀ 10 90
EMC	EMI GB/T 9254.1-2021 ClassA
	EMS GB/T 17618-2015

1.4.4.3

V.24DTE

V.24DCE

V.35DTE

V.35DCE

V.35DTE-V.35DCE

كح شجـ ᴸ ᴣ NMX-4HSH قمم كح DB26 o ضي
قمم

Ḥ ˆ ǎ 3.1.3

1.4.5 NMX-4(8)E1/CE1H

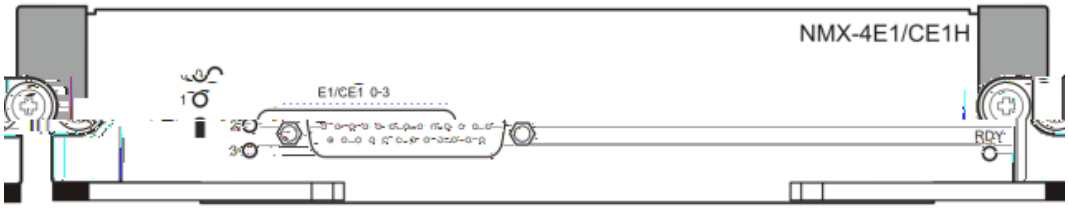
ضي RSR20-24 ⌡ NMX ٧ قمˆ

NMX-4E1/CE1H

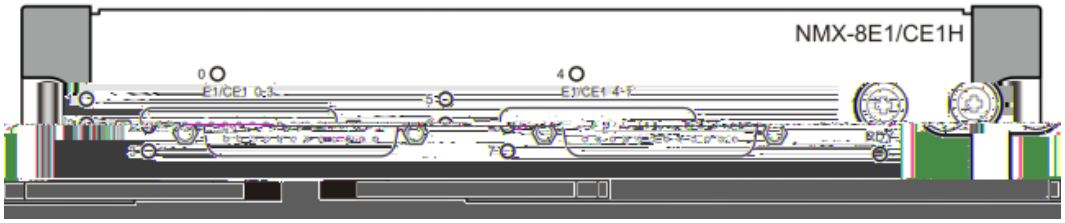
NMX-8E1/CE1H

1.4.5.1

4 o ˆ № . CE1 شجـ NMX-4E1/CE1H يحـ



8 o ˆ № . CE1 ﺵﺟ NMX-8E1/CE1H ﺑﺟ



´ Ƈ CE1 o ƀ ﺉ ∖ Ready CE1 o 1 ƀ Link

	Ƈ
Link	ᴡ
RDY	∖ Δ . ∖ Δ .

1.4.5.2 NMX-4(8)E1/CE1

NMX-4E1/CE1H ﺉ NMX-8E1/CE1H	
o	1 NMX-4E1/CE1H 2 NMX-8E1/CE1H
o ﻡﻡ	DB25F o
	4E1 /
‰	ITU-T G.703 G.704 ‰
ƀ	

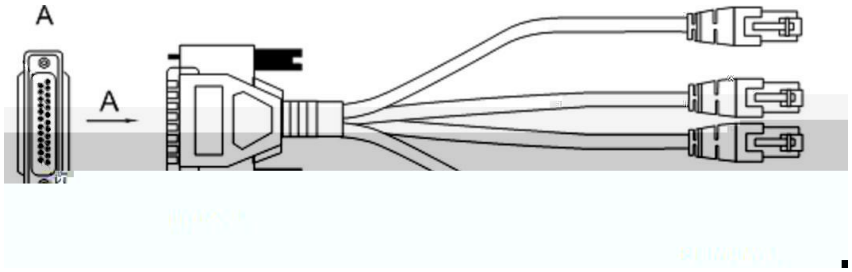
1.4.5.3

4E1

4E1

4E1

DB25 `E 3 4 RJ45 120Ω



4E1

4E1

DB25 `E 3 4 BNC `E 75Ω JEE1

ǐ h TELNET w ˆ ﻙ Ḃ ẏ ₀

1.5.7

X-MODEM ↿ ˜ ﺽ ẏ ƀ (Windows XP Windows NT UNIX DOS)
Console₀ □ ₀ ˥

˜ TFTP ↿

BOOTROM ﺽ ˥

2

2.1

ﻙ ƀ ỉ ą ˜ ⌡ ᑫ ƀ

ﺽ ﻙ ġ ą ₹ ŋ

ﻙ ﺽ ﺽ r ~ ﻙ

ﻙ ﺽ ﺽ

ﻙ ﺽ

ﺽ ō

ﻙ ﺵ

ﻙ ﺵ ˛ ﻡ

ǐ ﻙ ﺽ 2 ﺽ

ą UPS ˜ ᾧ ₃ ˜ ᾧ

2.2

↓ ﻙ ﺽ ṗ ą Ḡ ﻙ ƀ ġ ą ﺙ ﺵ ↓

/

⌈

2.2.1 /

Ḡ ﮐ ƀ ἶ ą ث غ ↕
ΰ ἶ ↕ ﮐ ﻧ ﻫ ﺿ Ṛ
ﻝ ﮐ ṗ ₰ . ą ﮐ

ڏ ἶ ą ث

RSR10/20 ↓ ﮐ

0 ~45

10%~90%

1.5m 0.4m

2.2.2

ﮐ ŋ ﻝ ṗ ﺿ ﮐ ₽ ڏ ث
Ḥ ṗ Ẓ ₽

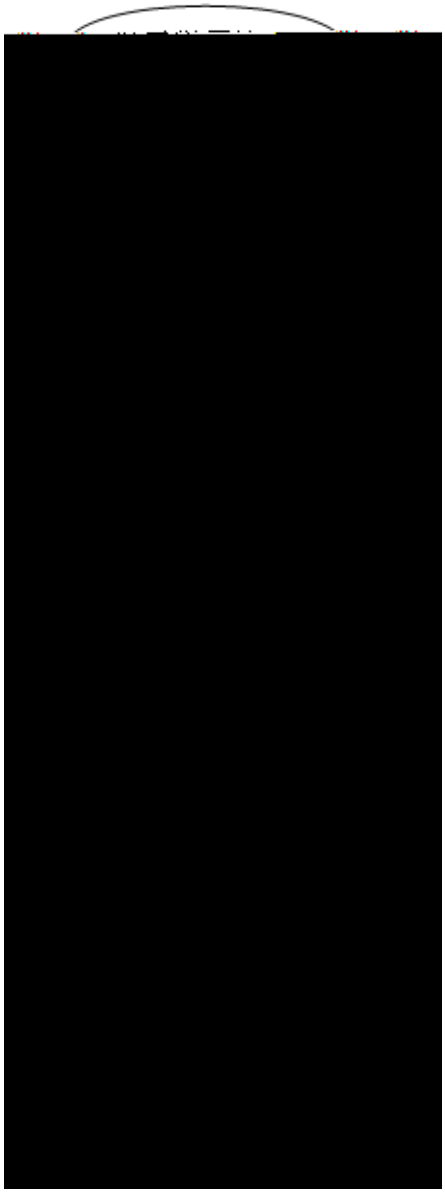
↓ ﮐ ṗ Ơ ἳ

	0.5	1	3	5
(Ơ)	1.4×107	7×105	2.4×105	1.3×105

ﮐ Ơ . r ₰ غ ﮐ
. ṗ SO_2 H_2S NO_2 NH_3 Cl_2 r ἶ r ᒪ ṿ

r ﺷﺦ mg/m3 mg/m3

RSR10(20)



3.2

ﻙ ⌡ ﻫ ﻙ ﺽ ‰ ƀ U ﻙ ﻫ ⌡ ﻙ

ˀ ’

⌡

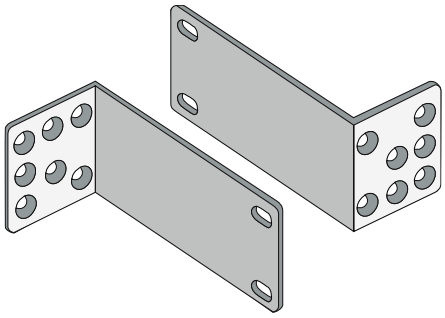
ﺽ ƀ˜

3.2.1

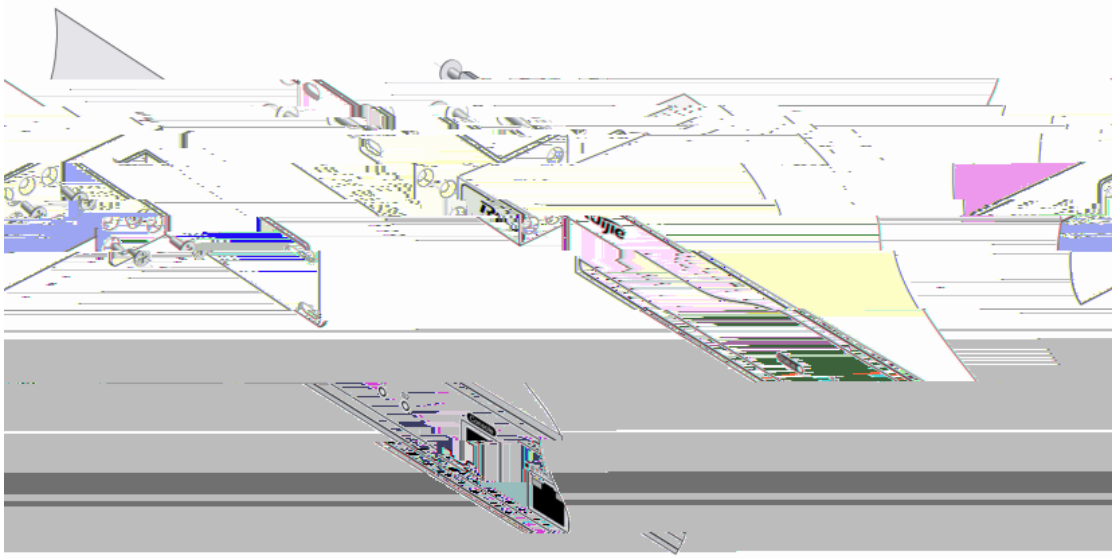
RSR ↓ ﻙ 19 ‰ ˆ ’ ą ﻙ ﻫ

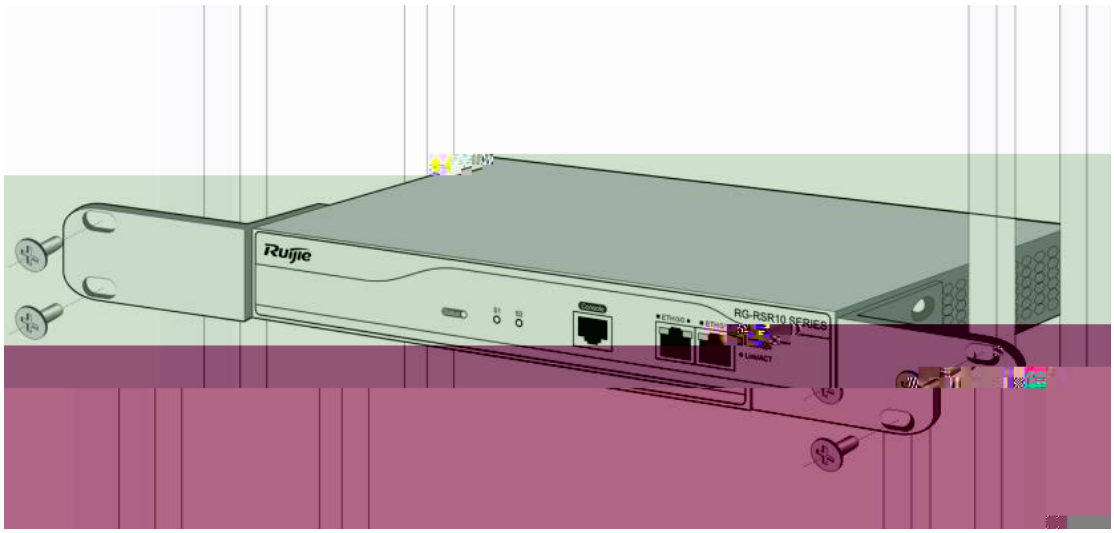
RSR10-02ˆ ą غ نھ نھ ³ يح ضي يح RSR10-02

يح



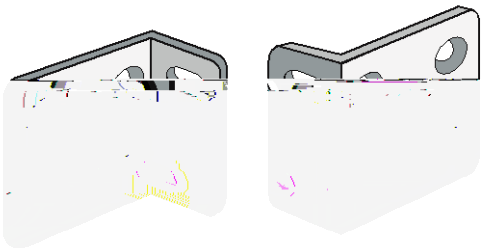
يح



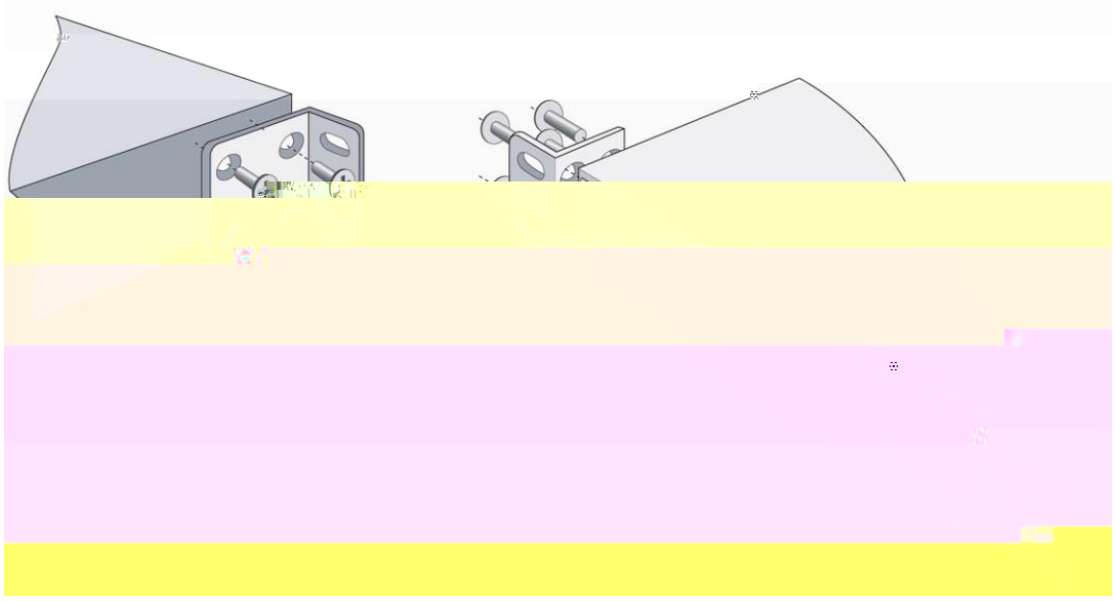


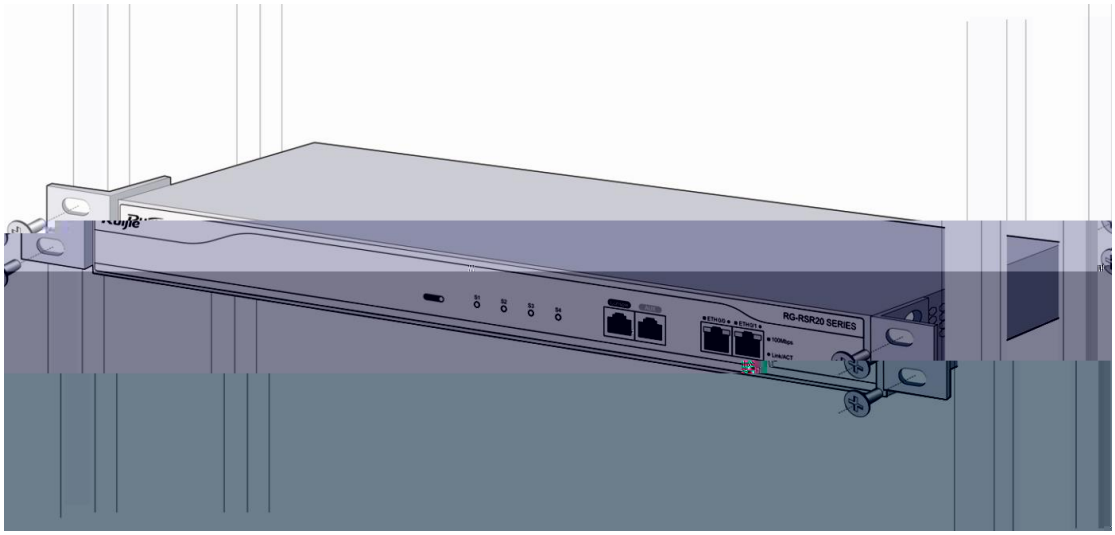
RSR20-04 RSR20-14 RSR20-18 ˆ ą ﻍ ﻩ ﻱﺪ ﺽﻲ ﻱﺪ

RSR20-04 ﻱﺪ

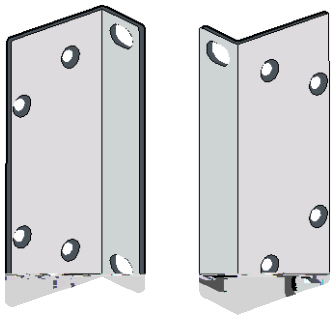


ﻱﺪ

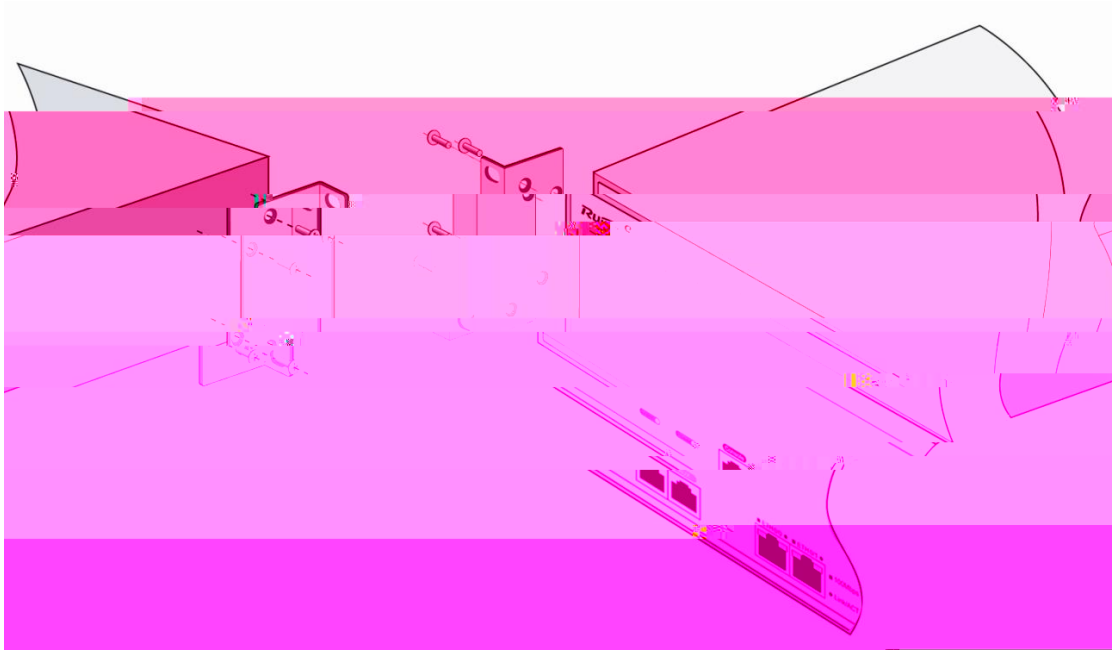




RSR20-24ˆ a نھ غ يد ضي يد RSR20-24 يد



يد



☹ ˜ “ ˜ ” ∪ ☹ ⌠ ☹ ∪

³ ⌠

☹ ˜ ⌠ “ ”

RSR10-02 غ RSR20-04 ╠ STATUS ٦ ǐ ↕ RSR20-14
RSR20-18 RSR20-24 ╠ POWER ٦ ǐ ↕

3.4

↓ ☹ ˪ ¨ EIA/TIA-232 ٥ Console ٥ ˜ ☹ ض

ă	
	RJ-45
٥ ‰	EIA/TIA-232

3.5.2

ﻙ

ﻙ ƀ

ﻝ ﻝ ٥

ﺽ ﷺ ﻝ ٥ ﺵ ﻫ

ﻝ h ƀ ╠ h ˜ ⌠ ٥ ņ ﻙ

´E ﻍ ﺽ ⌠ ﻝ ﻝ ٥

1

2

3.5.3

ﺽ ﻙ ﻝ U ŭ ą

ﺵ ٥ ∞ ٦

ﺵ ٥ ∞ ﺵ ƀ ٦

ﺽ ﻙ EXEC ٥ Ḥ ﻝ ٦ ǐ ƀ

3.6

ﻙ U ﺽ ﻙ Ꙋ ╠ ﷺ

ﻙ ﺽ ﻙ ٦ ﻫ ﺽ ƀ̃ ﻙ ﺨﺎ ٦

ƀ̃ ٦ ﻫ

ﻙ ٦

ﻙ ﺽ ٦

ﻙ ǐ ˜ ٦

4

4.1

4.1.1

ض ك aِ Ṛ Console٥ ك ĺ r ƀ

ي٤ ٥ ‰ RS232 غ ك Console٥ ٤ ٥ L

٥

Console٥ ض

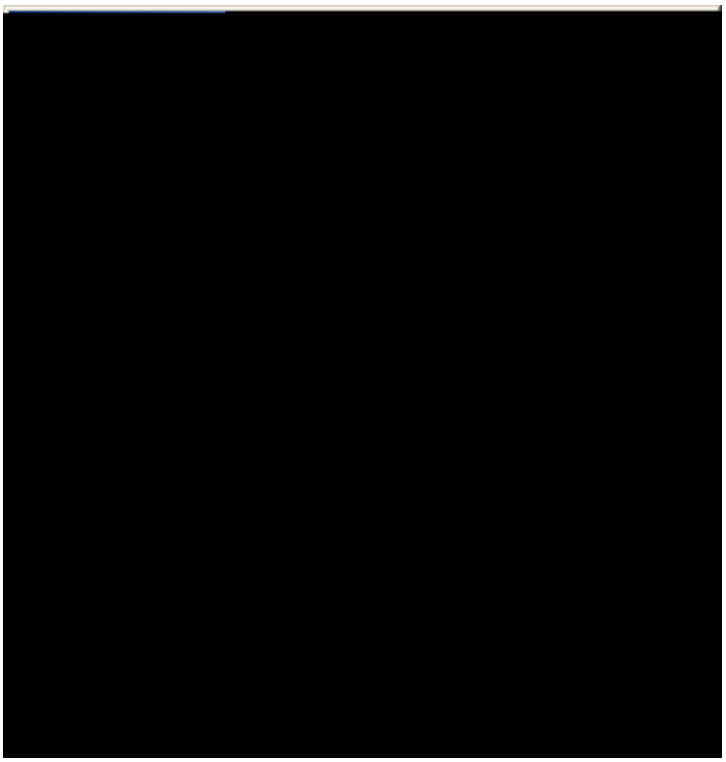
ă ↕ Windows ƀ ᴸ Hyperterm(

) ᴰ ĺ r ƀ غ ك Console

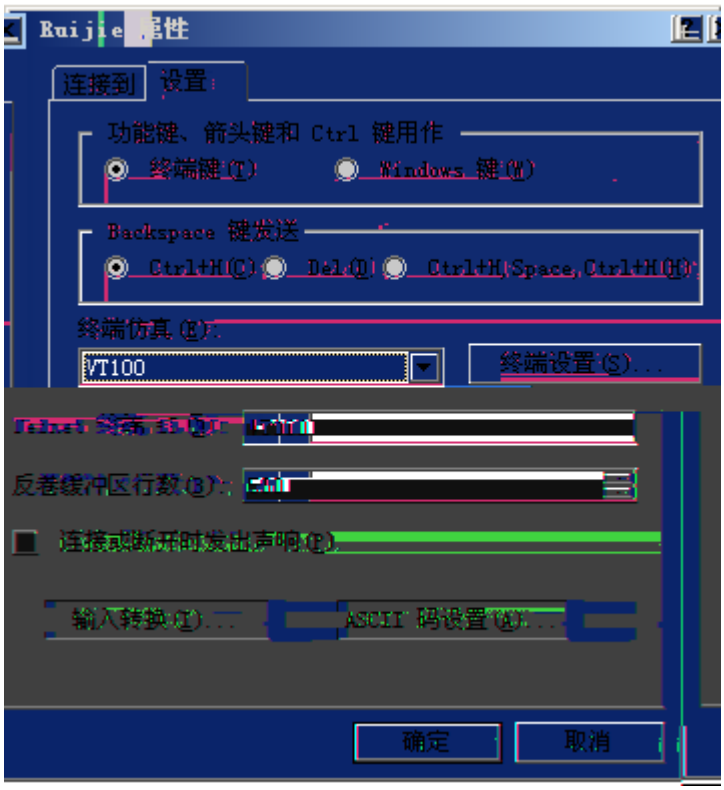
٥ ă 9600 8 1 Å ق٥م VT100

ي٤ Windows

غ ک Console ٥



٥ ă



ﻓﻤﻢ

ﻛ ﻳ

4.1.2

4.1.2.1

ﺽ ﻚ ﻛ

ﺽﻍ ٦

ﺎ ﺍ ﻛ ٦

٦ ٦

4.1.2.2

4.1.2.3

☹ U

ٹ

☹ RSR20-14 RSR20-18 ۓ RSR20-24 U ˜ ∩ ⌡ ﺽ

☹ ˜ ⌡ ˫

☹ ╠ ٹ

RSR10-02 ۓ RSR20-04 U Status ƀ RSR20-14 RSR20-18 ۓ RSR20-24 U SYSTEM ƀ

ٹ

☹ U ☹ ۱ Ḥ

4.1.3

☹ Ω˫ ₹ Ḥ

```
**********************************************
System bootstrap ...
Boot Version: RGOS 10.3(4), Release(53498)
Nor Flash ID: 0x00010049, SIZE: 2097152Bytes
MTD_DRIVER-5-MTD_NAND_FOUND: 1 NAND chips(chip size : 33554432) detected
MTD_DRIVER-5-MTD_NAND_FOUND: 1 nand chip(s) found on the target.
Press Ctrl+C to enter Boot Menu ......
Main Program File Name rgos.bin, Load Main Program ...

Executing program, launch at: 0x00010000
Ruijie General Operating System Software
Release Software (tm), RGOS 10.3(4), Release(53498), Compiled Fri Apr  3 08:45:59 CST 2009 by ngcf31

Copyright (c) 1998-2009 by Ruijie Networks.
All Rights Reserved.
Decompiling or Reverse Engineering is Not Allowed.

00:00:00:00: %MTD_DRIVER-5-MTD_NAND_FOUND: 1 NAND chips(chip size : 33554432) detected
00:00:00:00: %MTD_DRIVER-5-MTD_NAND_FOUND: 1 nand chip(s) found on the target.
00:00:00:17: %LINK-5-CHANGED: Interface FastEthernet 0/1, changed state to up
00:00:00:17: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet 0/1, changed state to up
00:00:00:17: %LINK-5-CHANGED: Interface FastEthernet 0/0, changed state to up
00:00:00:17: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet 0/0, changed state to up
00:00:00:31: %SYS-5-COLDSTART: System coldstart.
```

```
Ruijie>
Ruijie>
Ruijie>
Ruijie>
Ruijie>
```

Ƹ̵̡Ӝ̵̨̄Ʒ Ḥ ᒻ ă □ ᘜ Ƹ̵̡Ӝ̵̨̄Ʒ Ḥ □

ˆ ᘜ

4.2

ą ᘜ ᘜ Í r ˜ ᘜ Í r Ḥ ă ˜ غ ث
ă

5

5.1

RSR10-02 ẹ RSR20-04 ᘜˆ ╠ Status ∞ ᘜ Ղ ₹
RSR20-14 RSR20-18 ẹ RSR20-24ˆ ╠ POWER ∞ ᘜ Ղ ₹
ă ₹

ᘜ ˜ Ղ

U ˜ ǟ ǟ

AUX RJ45 1 8
Modem

	1	2	
ぅ AUXo	ŋ ĭ	RJ45( )-DB25(`E)	Modem DB25F o

6- 2 ぅ AUXo Modem

6.1.1.2

1

6.1.2

6.1.2.1 V.24

كح ١ □ ٥ ƀ ضي V.24DTE V.24DTE ƀ ضي V.24DCE كح
١ □ ٥ ƀ ضي V.24DCE V.24DCE V.24 DTE

SIC-1HS NMX-4HSH ١ V.24DTE/V.24DCE

6.1.3 E1

E1 \ E1

6.2

/ Modem Modem ∧ ᴸ RCMS RCMS-8/16 ₣ف DB9F RJ45 ₀
ˆ ج₣ف أ φ / ضِ ˆشخ ˆ ˆ O غ ˆ

ˆ	ˆمم ج	O
8AE20-11--	CAB-V.35DTE/POS26-34PM/3M	V.35DTE
8AE21-11--	CAB-V.35DCE/POS26-34PF/3M	V.35DCE
39166-11--	CAB-V.35DTE-V.35DCE/POS26-POS26/1M	V.35DTE-V.35DCE
8AE24-11--	CAB-V.24DTE/POS26-DB25M/3M	V.24DTE
8AE25-11--	CAB-V.24DCE/POS26-DB25F/3M	V.24DCE
8AE29-11--	CAB-Asy/SCSIDB68-8*RJ45M/1.5m	1 8
80893-11-1	CAB-Asy/SCSIDB68-8*RJ45F/1.5m	1 8

8AE30-